

FIG. 4A

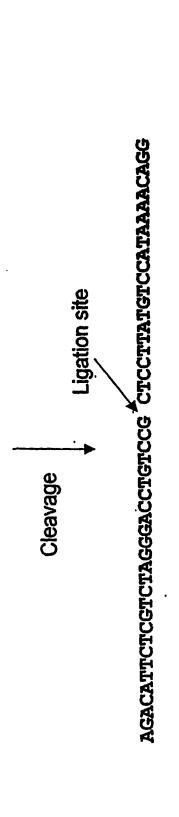
**SUBSTITUTE SHEET (RULE 26)** 

FIGURE 4B



(Lig probe-agacattctcgtctagggacctgtccg ctccttatgtccataaaca(lig.Probe)

5' -ctaatctgtaagggaggtgggggggggggggggagaatagggaattgggggattfggg (target seq)



5' -ctaatctgtaaggcagatccctggacaggc-gaagaatacaggtattttgtcc



AGACATTCTCGTCTAGGGACCTGTCCG-CTCCTTATGTCCATAAAACAGG

5' -CTAATCTGTAAGAGCAGATCCCTGGACAGGC-GAAGAATACAGGTATTTGTCC

FIGURE 4C

Cleavage site

Incorrect hybridization:

TGATAACAGT---5'-flap

(Lig probe-AGACATTCTCGTCTAGGGACCTGTCCG TTCCTTATGTCCATAAACA (lig.Probe)

Weak cleavage

Ligation site

AGACATTCTCGTCTAGGGACCTGTCCG TTCCTTATGTCCATAAAACAGG-5'

5' -CTAATCTGTAAGAGCAGATCCCTGGACAGGC-GAAGAATACAGGTATTTTGTCC

Ligation fails

AGACATTCTCGTCTAGGGACCTGTCCG TTCCTTATGTCCATAAAACAGG

5' -CTAATCTGTAAGAGCAGATCCCTGGACAGGC-GAAGAATACAGGTATTTTGTCC

## 7/12

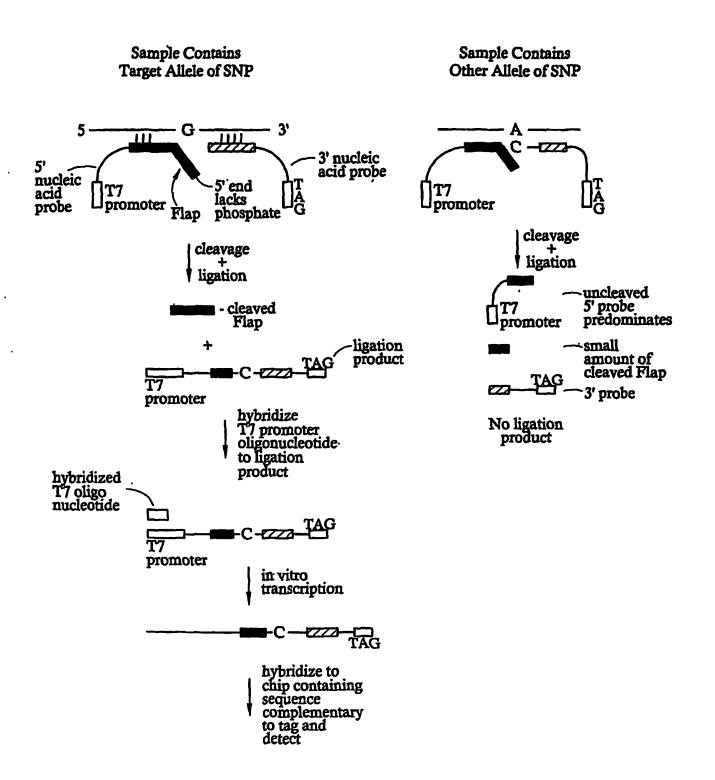
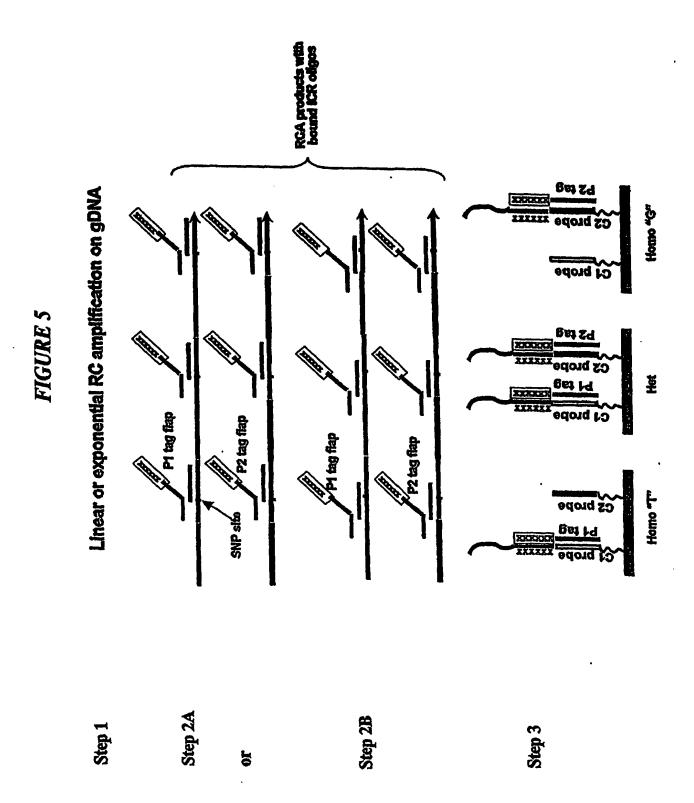


FIG. 4D

**SUBSTITUTE SHEET (RULE 26)** 

8/12



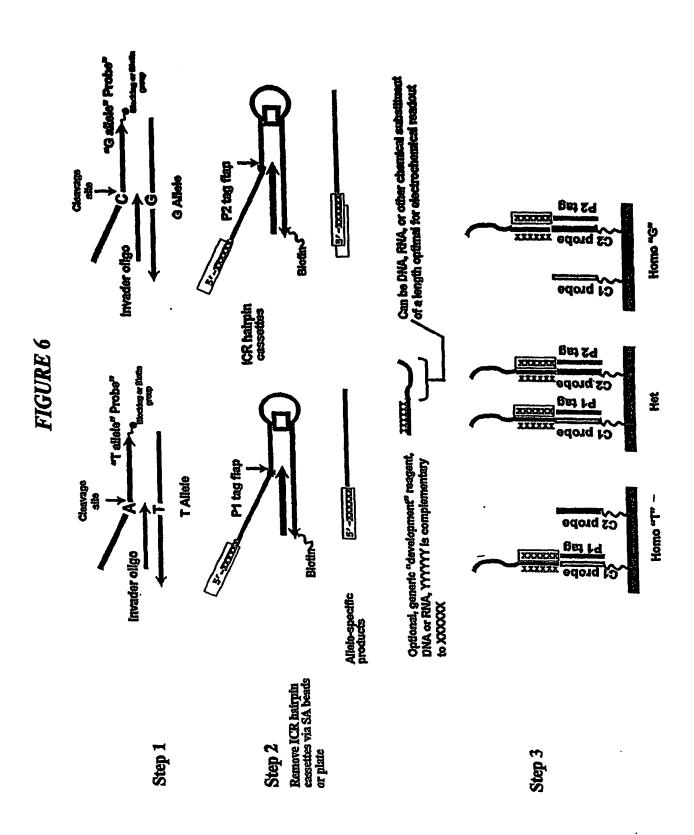
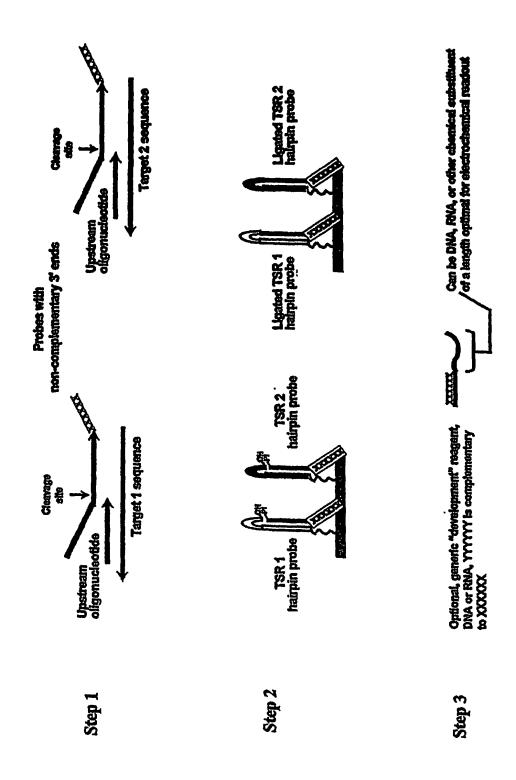
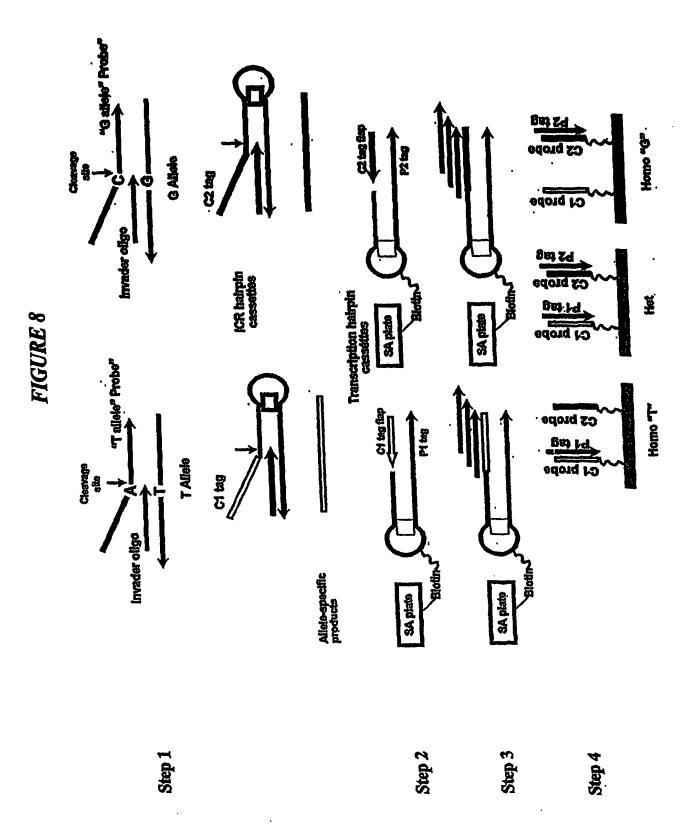


FIGURE 7



11 / 12



**SUBSTITUTE SHEET (RULE 26)** 

